RESEARCH ASSISTANT PROFESSOR POSITION
NANOSCALE MAGNETIC MATERIALS
NEBRASKA CENTER FOR MATERIALS AND NANOSCIENCE
UNIVERSITY OF NEBRASKA

The position involves research on nanoscale magnetism including structures, new magnetic materials and phenomena; advanced magnetic sensors and magnetoelectronic devices; and materials for energy. Research involves synthesis, nanofabrication and modeling of magnetic structures. The position is also responsible for operation of a laboratory, supervision of graduate and undergraduate students, obtaining funding through proposal writing, writing and editing publications, assisting in managing NCMN and NNF, etc. This one-year position is renewable annually, subject to satisfactory performance and the availability of funds. Minimum required qualifications: Ph.D. in condensed matter physics, materials science or related field. Several years’ experience as a postdoctoral research associate with multiple publications. Knowledge of nanoscale magnetism including structures, new magnetic materials and phenomena; advanced magnetic sensors and magnetoelectronic devices; materials for energy synthesis, nanofabrication and modeling of magnetic structures. Preferred qualifications include: significant publications in above fields, experience in nanoscale cluster deposition, x-ray photoelectron spectroscopy, magnetometry, x-ray diffraction, etc. Candidates with appropriate credentials should apply on-line at https://employment.unl.edu/postings/59972. Click “Apply for this Job” and complete the information form. Attach a Cover Letter, Curriculum Vitae (including Publications List), and List of References. Review of applications will begin immediately, and the positions will remain open until suitable candidates are found.

As an EO/AA employer, qualified applicants are considered for employment without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation. See http://www.unl.edu/equity/notice-nondiscrimination.